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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 7

Complete if Known

Applicant Number	10/763,007
Filing Date	January 21, 2004
First Named Inventor	Todd A. Walker
Art Unit	2423
Examiner Name	Ricky Chin
Attorney Docket Number	UV-258
Confirmation Number	6197

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		2001/0043795	11/22/2001	Wood et al.	
		2002/0124009	09/05/2002	Srinivasan et al.	
		2002/0174430	11/21/2002	Ellis et al.	
		2004/0008971	01/15/2004	Young et al.	
		2004/0128686	07/01/2004	Boyer et al.	
		2004/0181814	09/16/2004	Ellis et al.	
		2005/0044567	02/24/2005	Young et al.	
		2005/0204388	09/15/2005	Knudson et al.	
		2007/0157253	07/05/2007	Ellis et al.	
		4,355,415	10/19/1982	George et al.	
		4,605,964	08/12/1986	Chard	
		4,694,490	09/15/1987	Harvey et al.	
		4,718,107	01/05/1988	Hayes	
		4,857,999	08/15/1989	Welsh	
		4,908,707	03/13/1990	Kinghorn	
		4,930,158	05/29/1990	Vogel	
		4,959,720	09/25/1990	Duffield et al.	
		4,977,455	12/11/1990	Young	
		5,047,867	09/10/1991	Strubbe et al.	
		5,109,279	04/28/1992	Ando	
		5,134,719	07/28/1992	Mankovitz	
		5,172,413	12/15/1992	Bradley et al.	

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	5,200,822	04/06/1993	Bronfin et al.	
	5,253,066	10/12/1993	Vogel	
	5,335,277	08/02/1994	Harvey et al.	
	5,412,720	05/02/1995	Hoarty	
	5,442,389	08/15/1995	Blahut et al.	
	5,461,415	10/24/1995	Wolf et al.	
	5,479,266	12/26/1995	Young et al.	
	5,479,268	12/26/1995	Young et al.	
	5,479,302	12/26/1995	Haines	
	5,485,197	01/16/1996	Hoarty	
	5,517,254	05/14/1996	Monta et al.	
	5,517,257	05/14/1996	Dunn et al.	
	5,524,195	06/04/1996	Clanton, III et al.	
	5,534,911	07/09/1996	Levitan	
	5,539,449	07/23/1996	Blahut et al.	
	5,550,576	08/27/1996	Klosterman	
	5,583,561	12/10/1996	Baker et al.	
	5,583,563	12/10/1996	Wanderscheid et al.	
	5,585,838	12/17/1996	Lawler et al.	
	5,585,858	12/17/1996	Harper et al.	
	5,585,866	12/17/1996	Miller et al.	
	5,589,892	12/31/1996	Knee et al.	
	5,592,551	01/07/1997	Lett et al.	
	5,602,582	02/11/1997	Wanderscheid et al.	
	5,630,119	05/13/1997	Aristides et al.	

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	5,648,824	07/15/1997	Dunn et al.	
	5,654,748	08/05/1997	Matthews, III	
	5,654,886	08/05/1997	Zereski, Jr. et al.	
	5,657,072	08/12/1997	Aristides et al.	
	5,666,645	09/09/1997	Thomas et al.	
	5,684,525	11/04/1997	Klosterman	
	5,694,163	12/02/1997	Harrison	
	5,717,452	02/10/1998	Janin et al.	
	5,732,216	03/24/1998	Logan et al.	
	5,745,710	04/28/1998	Clanton, III et al.	
	5,751,282	05/12/1998	Girard et al.	
	5,752,159	05/12/1998	Faust et al.	
	5,754,771	05/19/1998	Epperson et al.	
	5,760,821	06/02/1998	Ellis et al.	
	5,761,607	06/02/1998	Gudesen	
	5,768,528	06/16/1998	Stumm	
	5,771,354	06/23/1998	Crawford	
	5,778,181	07/07/1998	Hidary et al.	
	5,778,182	07/07/1998	Cathey et al.	
	5,781,226	07/14/1998	Sheehan	
	5,781,228	07/14/1998	Sposato	
	5,796,952	08/18/1998	Davis et al.	
	5,801,787	09/01/1998	Schein et al.	
	5,802,284	09/01/1998	Karlton et al.	
	5,805,763	09/08/1998	Lawler et al.	

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	5,805,804	09/08/1998	Laursen et al.	
	5,809,204	09/15/1998	Young et al.	
	5,812,123	09/22/1998	Rowe et al.	
	5,818,438	10/06/1998	Howe et al.	
	5,819,019	10/06/1998	Nelson	
	5,828,945	10/27/1998	Klosterman	
	5,850,218	12/15/1998	LaJoie et al.	
	5,949,954	09/07/1999	Young et al.	
	6,006,257	12/21/1999	Slezak	
	6,052,145	04/18/2000	Macrae et al.	
	6,091,883	07/18/2000	Artigalas et al.	
	6,125,230	09/26/2000	Yaginuma	
	6,147,715	11/14/2000	Yuen et al.	
	6,167,188	12/26/2000	Young et al.	
	6,177,931	01/23/2001	Alexander et al.	
	6,208,335	03/27/2001	Gordon et al.	
	6,324,338	11/27/2001	Wood et al.	
	6,334,022	12/25/2001	Ohba et al.	
	6,441,832	08/27/2002	Tao et al.	
	6,473,559	10/29/2002	Knudson et al.	
	6,487,362	11/26/2002	Yuen et al.	
	6,498,895	12/24/2002	Young et al.	
	6,571,390	05/27/2003	Dunn et al.	
	6,820,278	11/16/2004	Ellis	
	6,850,693	02/01/2005	Young et al.	

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		6,934,964	08/23/2005	Schaffer et al.	
		RE 37,881	10/15/2002	Haines	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 88/04507	06/16/1988	British Broadcasting Corporation		
		JP 06111413	04/22/1994	Funai Electric Co. Ltd.		X
		ROC 247,388	10/15/1994			
		JP 0630541	10/28/1994	Sony Corporation		X
		WO 95/04431	02/09/1995	Electronic Datasystems Corporation		
		WO 96/31980	10/10/1996	Prevue International, Inc.		
		WO 96/34491	10/31/1996	TV Guide on Screen		
		WO 96/41478	12/19/1996	TV Guide on Screen		
		EP 0753964	01/15/1997	Thomson Multimedia		
		EP 0762756	03/12/1997	Matsushita Electric Industrial Co. Ltd.		
		WO 97/13368	04/10/1997	Starsight Telecast, Inc.		
		WO 97/40623	10/30/1997	Sun Microsystems, Inc.		
		WO 97/46943	12/11/1997	WebTV Networks,		

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				Inc.		
		WO 97/47124	12/11/1997	WebTV Networks, Inc.		
		WO 98/17064	04/23/1998	Gemstar Development Corporation		
		WO 98/47283	10/22/1998	Thomson Consumer Electronics, Inc.		
		WO 98/10589	12/03/1998	Starsight Telecast, Inc.		
		WO 99/03267	01/21/1999	Thomson Consumer Electronics, Inc.		
		EP 0940985	09/08/1999	Matsushita Electric Industrial Co. Ltd.		
		WO 99/60790	11/25/1999	United Video Properties, Inc.		
		WO 00/16548	03/23/2000	United Video Properties, Inc.		

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Hofmann, Neumann, Oberlies, and Schadwinkel, Videotext Programmirt Videorecorder," Rundfunktechnische Mitteilungen, Nov.-Dec. 1982, pp. 254-257 (translation attached).	
		Electronic Programme Guide (EPG); Protocol for a TV Guide using electronic data transmission" by European Telecommunication Standards Institute, May 1997, Valbonne, France, publication no. ETS 300 707.	
		Windows 98 Feature Combines TV, Terminal and the Internet, <u>New York Times</u> , August 18, 1998	
		Digital Video Broadcasting (DVB); DVB specification for data broadcasting, European Telecommunications Standards Institute, Draft EN 301 192 V1.2.1 (1999-01).	
		Rewind, replay and unwind with new high-tech TV devices, by Lawrence J. Magid, <u>LA Times</u> . This document was printed from the Internet on June 6, 1999 and bears a date of May 19, 1999.	

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